



Fecal Coliform Impact Compliance **Environmental Management Program**

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Background / Purpose: The Local Enforcement Agency (LEA) and Regional Water Quality Control Board regulate activity at our landfills through enforcement of the Clean Water Act. The purpose of this EMP is to develop Best Management Practices (BMPs) and background data to more effectively manage potential fecal coliform impacts.

Objective: Ensure fecal coliform impact compliance within Greenery Operations.

Related Significant Aspects: Fecal coliform, Storm-water Runoff

Target: Zero fecal coliform violations from the Regional Water Quality Control Board or Local Enforcement Agency.

Target Completion Date(s): July 1, 2005.

Action Plan: Develop and follow BMPs to mitigate fecal coliform impacts, minimize on-site storm water impacts, determine fecal coliform background levels at targeted locations, transition compost sampling activity to Biological Services staff.

Responsible Person(s): Greenery Supervisor, Greenery staff, Biologist III, Landfill Superintendent.

Resources Required: Staff, lab,

Environmental Performance Indicator(s): Fecal coliform counts within compost samples, elevated coliform counts in storm-water runoff above baseline. Number of Notices of Violation issued per year.

Comments (including other expected benefits or cost savings): Minimize or eliminate potential for fines from the regulator (Regional Water Quality Control Board –San Diego or L.E.A.)

Baseline Data: TBD

Prepared by: John Howard, Biologist III

Reviewed by: Gary Gobel, Landfill Superintendent
Bennie Morris, Disposal Site Supervisor (Greenery)
Mark zu Hone, Environmental Management Representative

Approved by: Steven F. Fontana, Deputy Environmental Services Director



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EMP Schedule					
Step	Action Items	Responsibilities	Role	Schedule	Resources Required
1	Develop and implement BMPs for compost and greens handling.	Bennie Morris Dana Armstrong	Lead Support	July 04 Done	
2	Maintain proper storm-water drainage grade for site	Bennie Morris Greenery Staff	Lead Support	Always	
3	Identify targeted locations for background sampling	John Howard Bennie Morris	Lead Support	Sept 04 Done	
4	Develop and implement BMPs for background sampling and reporting.	John Howard Burton Ewert	Lead Support	Sept 04 Done	Utilize LEA guidance document
5	Transition compost sampling to Biological services Staff	John Howard John Theroux Burton Ewert	Lead Support Support	Nov 04 Done	LEA Protocols, Staff Training, Sampling Equipment, Lab Contract

Comments (report performance/milestones):

The Fecal Contamination Prevention Standard Operating Procedure (SOP) was approved and implemented on October 6, 2004. This SOP has been incorporated into the Greens section of the Landfill Operations Manual.

The Biological Services staff has identified stormwater sampling locations for the Greens area and incorporated these locations into the stormwater sampling plan. In addition the staff has taken over responsibility for sampling compost piles.